

APPROVED
 First Vice-Rector on scientific and
 pedagogical work Ukrainian
 Poltava State Medical University
 Professor _____ V.N.Dvornyk
 " 27 " _____ 08 _____ 2021 Year

SCHEDULE of LECTURES
 on the general surgery for 3rd years students of medical faculty
 Poltava State Medical University on 2021-2022 ed.years.

№	Theme of lecture	Hours
1.	Surgery as a science. A short essay on the history of surgery. Domestic and foreign surgical schools. Issues of professional ethics and deontology. Legal and legal aspects of the surgeon's activity. Antiseptic. Historical reference. Ways of spreading exogenous and endogenous infection. Types of antiseptics. Characteristics of antiseptic agents and methods of their use. Asepsis. Definition. Concepts. Intrahospital infection, sanitary-epidemic regime. Aseptic regimen. Prevention of the spread of HIV infection.	2
2	Bleeding. Classification. Causes of bleeding. Blood loss. Changes in the body with acute blood loss. Clinical signs and diagnostics of various bleedings. Determination of the amount of blood lost. Temporary and final stop of bleeding.	
3.	Bases of clinical transfusiology. Hemotransfusion as a transplant surgery. Antigenic system of blood. Blood groups. Clinical significance of group differentiation. Indications and contraindications for blood transfusion. Methods of blood transfusion.	2
4	Complications of blood transfusion: classification, diagnosis, treatment, prevention. Prevention of transmission of infections (viral hepatitis, syphilis, malaria, HIV infection). Alternatives to blood transfusion and its components. Blood substitutes, classification. Mechanism of action. Indications for use	2
5	Anesthesiology. Varieties of local anesthesia and anesthesia. Indications and contraindications to the use of various methods of local and general anesthesia. Complications of local and general anesthesia, their prevention and treatment. Resuscitation. Historical aspects. Terminal states: clinic, diagnostics. Diagnosis of death. Stages of resuscitation of Safar. Elementary maintenance of life, its significance, the algorithm of carrying out.	2
6.	Injury and injuries. Traumatic injuries of soft tissues, bones, joints, skull, abdomen, chest: clinical signs, diagnosis, first aid, principles of treatment. Polytrauma. The syndrome of prolonged compression.	2
7.	Wounds: classification, clinical signs, diagnosis. Wound process. Types of wound healing. Prevention of wound infection. Treatment of wounds.	2
8.	Thermal trauma. Burns: pathogenesis, clinic, first aid, principles of treatment. Electrical injury: the mechanism of electric shock, clinical signs, diagnosis, first aid and its features. Cold lesions: pathogenesis, clinic, first aid, principles of treatment.	2
9	General issues of surgical infection. Pathogens of nonspecific surgical infection and mechanisms of their aggression. Translocation of microflora. Local and general body reaction. Methods of diagnosis and general principles of treatment. HIV infection in surgery.	2

10.	Acute purulent diseases of the skin, subcutaneous tissue, fascia, muscle, cell spaces, lymphatic vessels and nodes. Etiology, pathogenesis, clinic, diagnostics, treatment. Acute purulent diseases of bones, joints, serous cavities, hands and fingers. Etiology, pathogenesis, clinic, diagnostics, treatment.	2
11	Surgical sepsis (sepsis-3): definition, etiology, pathogenesis, clinical manifestations, diagnosis, treatment principles. Anaerobic nonclostridial and clostridial infection (gas gangrene). Acute surgical specific infection (tetanus). Etiology, clinic, diagnosis, treatment, prevention.	2
12	Necrosis, gangrene, ulcer, fistula, foreign bodies: etiology, pathogenesis, clinical manifestations, diagnosis, treatment	2

The head of Chair of the general surgery
Professor

A.V.Ligonenko